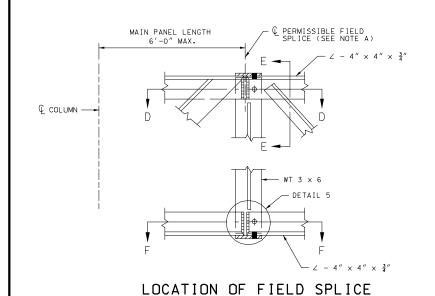
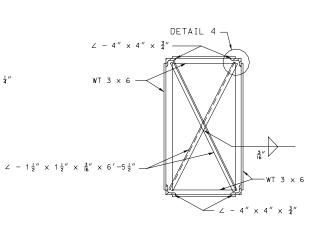


SECTION C-C

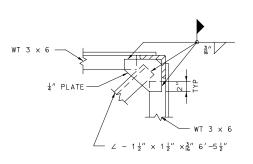


NOTE "A": SPLICING CHORD ANGLES IN THE SHOP AND THE FIELD SPLICE SHOWN IN THIS SHEET WILL NOT BE ALLOWED WITHOUT SPECIAL PERMISSION. IF PERMISSION IS GRANTED SUCH SPLICES SHALL BE LOCATED AT THE CENTER LINE OF MAIN PANEL POINT NEXT TO COLUMN.

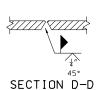


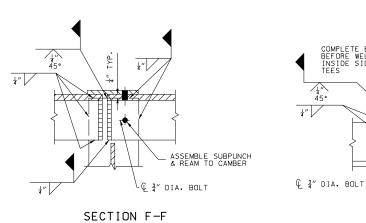
SECTION A-A

NOTE: SHRINK \angle - $1\frac{1}{2}$ " \times $1\frac{1}{2}$ " \times $\frac{1}{6}$ " IF NECESSARY TO TAKE UP DISTORTIONAL SLACK.



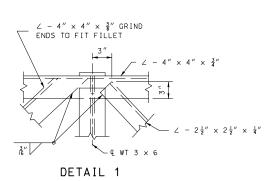
SECTION E-E (SPLICE ONLY)

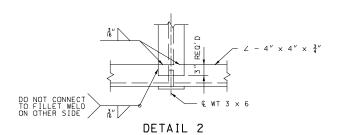


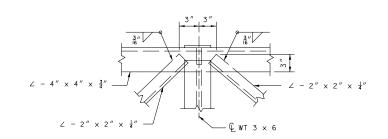


NOTE: $\frac{3}{4}''$ DIA. BOLTS SHALL BE REMOVED AFTER WELDING IS COMPLETE. BOLT HOLES SHALL BE PLUGGED AND THE OUTSIDE FACE GROUND SMOOTH.

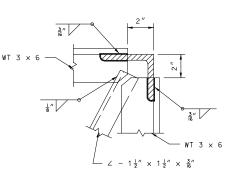
DETAIL 5







DETAIL 3



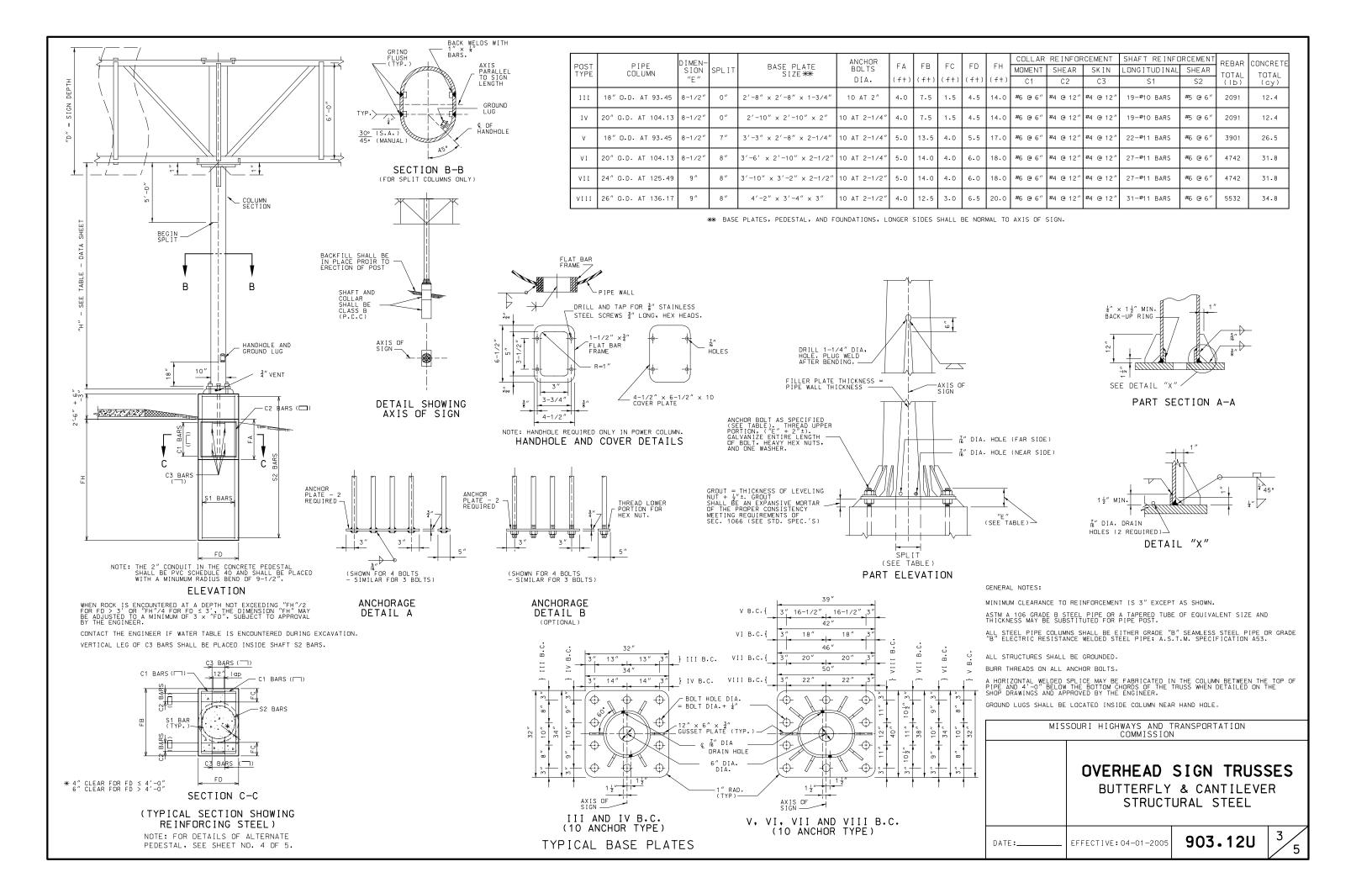
DETAIL 4

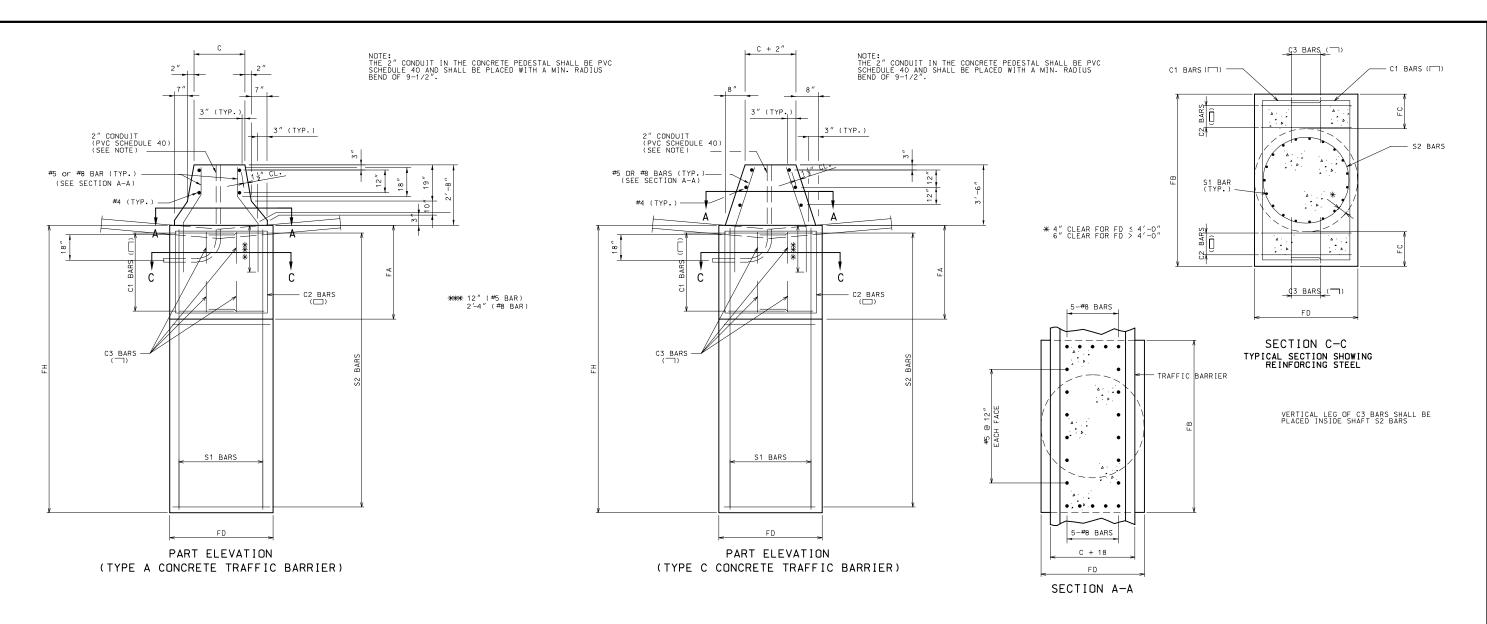


OVERHEAD SIGN TRUSSES
BUTTERFLY & CANTILEVER
STRUCTURAL STEEL

DATE:_____ EFFECTIVE: 04-01-2005

903**.**12U





	POST TYPE	PIPE COLUMN	DIMEN- SION "E"	SPLIT	BASE PLATE SIZE ***	ANCHOR	_	FA	FВ	FC	-		COLLAR REINFORCEMENT		SHAFT REINFORCEMENT		REBAR TOTAL		CONCRETE		
						BOLTS	١						MUMENT	SHEAR SKIN		LONGITUDINAL	INAL SHEAR		b)	(cu. yd.)	
						DIA.	(++)	(f+)	(f+)	(f+)	(f+)	(f+)	C1	C2	С3	S1	S2	TYPE A	TYPE C	TYPE A	TYPE C
	III B.C.	18" O.D. AT 93.45	8-1/2"	0"	2'-8" x 2'-8" x 1-3/4"	10 AT 2"	2′-10″	4.0	7.5	1.5	4.5	14.0	#6@6"	#4 @ 12"	#4 @ 12"	19-#10 BARS	#5 @ 6"	2031	2042	13.4	14.5
	IV B.C.	20" O.D. AT 104.13	8-1/2"	0"	2'-10" x 2'-10" x 2"	10 AT 2-1/4"	3′-0″	4.0	7.5	1.5	4.5	14.0	#6@6"	#4 @ 12"	# 4 @ 12"	19-#10 BARS	#5 @ 6"	2031	2042	13.5	14.6
	V B.C.	18" D.D. AT 93.45	8-1/2"	7"	3'-3" × 2'-8" × 2-1/4"	10 AT 2-1/4"	2′-10″	5.0	13.5	4.0	5.5	17.0	#6@6"	#4 @ 12"	#4 @ 12"	22-#11 BARS	#6 @ 6"	3763	3782	28.8	30.7
	VI B.C.	20" O.D. AT 104.13	8-1/2"	8"	3'-6' × 2'-10" × 2-1/2"	10 AT 2-1/4"	3′-0″	5.0	14.0	4.0	6.0	18.0	#6 @ 6"	#4 @ 12"	#4 @ 12"	27-#11 BARS	#6 @ 6"	4528	4547	34.1	36.2
	VII B.C.	24" O.D. AT 125.49	9"	8"	3'-10" × 3'-2" × 2-1/2"	10 AT 2-1/2"	3′-4″	5.0	14.0	4.0	6.0	18.0	#6@6"	#4 @ 12"	#4 @ 12"	27-#11 BARS	#6 @ 6"	4528	4547	34.5	36.8
v	III B.C.	26" O.D. AT 136.17	9"	8"	4'-2" × 3'-4" × 3"	10 AT 2-1/2"	3′-6″	4.0	12.5	3.0	6.5	20.0	#6@6"	#4 @ 12"	#4 @ 12"	31-#11 BARS	#6 @ 6"	5242	5259	36.7	38.7

^{**} BASE PLATES, PEDESTAL, AND FOUNDATION LONGER SIDES SHALL BE NORMAL TO AXIS OF SIGN.

DETAILS OF ALTERNATE PEDESTAL (TO BE USED ADJACENT TO TYPE "A" OR "C" MEDIAN BARRIER)

GENERAL NOTES:

MINIMUM CLEARANCE TO REINFORCEMENT IS 3" EXCEPT AS SHOWN.

WHEN ROCK IS ENCOUNTERED AT A DEPTH NOT EXCEEDING "FH"/2 FOR FD > 3'-0" OR "FH"/4 FOR FD > 3'-0". THE DIMENSION "FH" MAY BE ADJUSTED TO A MINIMUM OF 3 X "FO". SUBJECT TO APPROVAL BY THE ENGINEER.

CONTACT THE ENGINEER IF WATER TABLE IS ENCOUNTERED DURING EXCAVATION.

ASTM A 106 GRADE B STEEL PIPE OR A TAPERED TUBE OF EQUIVALENT SIZE AND THICKNESS MAY BE SUBSTITUTED FOR PIPE POST.

ALL STEEL PIPE COLUMNS SHALL BE EITHER GRADE "B" SEAMLESS STEEL PIPE OR GRADE "B" ELECTRIC RESISTANCE WELDED STEEL PIPE; A.S.T.M. SPECIFICATION A53.

ALL STRUCTURES SHALL BE GROUNDED.

BURR THREADS ON ALL ANCHOR BOLTS.

PIPE COLUMN, BASE PLATE, ANCHOR BOLTS AND NOTES PERTAINING TO THESE ITEMS HAVE BEEN OMITTED FOR CLARITY. REFER TO SHEET NO. 3 OF 5 FOR DETAILS OF THESE ITEMS.

GROUND LUGS SHALL BE LOCATED INSIDE COLUMN NEAR HAND HOLE.

